

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	2997	inhibit\$3 with resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/19 11:56
L4	48	3 and "358"/\$6.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/19 12:02
L5	25	resolution with serial with terminal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/19 12:06
L6	5	(serial and parallel)near2 mode with resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/19 12:08
L7	481	(serial and parallel) with resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/19 12:08
L8	55	(serial and parallel)near3 resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/19 12:09
L9	2	8 and "358"/\$6.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/19 12:08
L10	8	(serial and parallel)with (resolution adj (data or input))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/19 12:13
L11	10599	(resolution adj (data or input))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/19 12:13

## EAST Search History

L12	707947	parallel and serial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/19 12:14
L13	1859	11 and 12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/19 12:14
L14	15059	select\$3 near3 resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/19 12:14
L15	225	13 and 14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/19 12:15
L16	183	15 and imag\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/19 13:08
L17	16	serial adj input with resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/19 13:36
L18	18	serial near3 mode with resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/19 13:38
L19	9598	resolution with interface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/19 13:38
L20	32	resolution with interface with serial with parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/19 13:39
S1	168	Sawada-Hideki.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/12 09:29

## EAST Search History

S2	58	S1 and chip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 12:20
S3	81702	(driv\$3 or control\$3 or controller or controlling)near3 chip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 12:21
S4	3303	S3 with imag\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 12:22
S5	4	S1 and (driver or control)adj chip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/18 12:01
S6	1132	reset with resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 12:31
S7	608	S6 and imag\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 12:32
S8	13	S7 and ((driv\$3 or control\$3 or controlling)adj chip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 12:35
S9	18513	(chang\$3 or adjust\$3) near3 resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 12:36
S10	22	resolution same (reset with electric adj charge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 12:37
S11	10	S9 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 12:39

## EAST Search History

S12	44926	resolution near3 (input or data)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 12:40
S13	4486	S9 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 12:40
S14	3721	S13 and imag\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 12:40
S15	683	S14 and "348"/\$6.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 12:41
S16	38	S15 and ((driv\$3 or control\$3 or controlling)near3 chip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 12:47
S17	888	348/294.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 12:47
S18	23	S17 and ((chang\$3 or adjust\$3) near3 resolution)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 12:48
S19	83843	plurality with chip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 13:08
S20	23234	((reset\$3 or resetting) with charge\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 13:08
S21	15	S19 same S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 13:11

## EAST Search History

S22	2	S21 same resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 13:14
S23	10573	resolution adj (data or input)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 13:15
S24	265003	sens\$3 with imag\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 13:15
S25	18513	(chang\$3 or adjust\$3)near3 resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 13:16
S26	11	S23 same S24 same S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 13:16
S27	35	("2295000"   "4205337"   "4390357"   "4482924"   "4639787"   "5000570"   "5010410"   "5063407"   "5088813"   "5091963"   "5157482"   "5198909"   "5282036"   "5309242"   "5412773"   "5469209"   "5477353"   "5541644"   "5555106"   "5565912"   "5574577"   "5600450"   "5815202"   "5844226"   "5872591"   "5874988"   "6037974"   "6100924"   "6172704"   "6236389"   "6301002"   "6316761"   "6480916"   "6486980").PN. OR ("7164437"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/10 13:24
S28	81342	(scanner or scanning or read\$3) adj (aparatus or device)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/10 13:26
S29	18708	(chang\$3 or adjust\$3 or adjustment) near3 resolution	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/10 13:26
S30	65	S28 same S29	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/10 13:45

## EAST Search History

S31	9768	resolution adj (data or input or inputted)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/10 13:45
S32	56	S31 same( (read\$3 or scanning or scanner)adj (aparatus or device))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/10 13:48
S33	12	(resolution adj input)same( (read\$3 or scanning or scanner)adj (aparatus or device))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/10 13:50
S34	18708	(chang\$3 or adjust\$3 or adjustment) near3 resolution	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/10 13:51
S35	175	(chang\$3 or adjust\$3 or adjustment) near3 resolution same (resolution adj input)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/10 13:52
S36	59	S35 and ("348"/\$6.ccls. or "358"/\$6.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/10 13:57
S37	15298	(control\$3 or controlling)near3 resolution	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/10 13:57
S38	8	S37 same ((reset\$3 or resetting)with charge\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/10 13:58
S39	2	Sawada-Hideki.in. and (chang\$3 or adjust\$3 or adjust\$4)near3 resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 14:26
S40	120	resolution near3 void\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 14:27
S41	56597	S40 and "348"/\$6.ccls. or "358"/\$6.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 14:27

## EAST Search History

S42	8	S40 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 14:45
S43	2990	inhibit\$3 with resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 14:46
S44	129588	(read\$3 or scanner or scanning)adj (device or apparatus)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 14:47
S45	46	S43 and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 14:47
S46	6	S43 same S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 10:07
S47	2275	(first and second)adj resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 15:15
S48	174220	imag\$3 near3 sens\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 15:16
S49	355	S47 and S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 15:17
S50	249	S49 and mode\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 15:17
S51	129588	(read\$3 or scanning or scanner)adj (apparatus or device)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 15:18

## EAST Search History

S52	46	S50 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 15:20
S53	8810	(multiple or plurality)near3 imag\$3 near3 sens\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 15:21
S54	1057	S51 and S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 15:22
S55	2275	(first and second)adj resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 15:22
S56	17	S54 and S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 16:14
S57	10712	(multiple or plurality) near2 (ccd or imag\$3 near3 sens\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 16:15
S58	84	S55 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 16:15
S59	13	S58 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 16:20
S60	0	S58 and "52."	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 16:20
S61	182	((read\$3 or scanning or scanner)adj (device or apparatus))same ((mulitple or plurality) near (ccd or (imag\$3 adj sens\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 17:03



## EAST Search History

S62	18513	(chang\$3 or adjust\$3 or adjust\$3)near3 resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 16:23
S63	9	S61 and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 17:00
S64	173	ccd adj image adj sensor adj chip\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 17:00
S65	15836	(chang\$3 or adjust\$3 or adjust\$4)near2 resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 17:01
S66	2	S64 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 17:02
S67	11	S61 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 17:02
S68	129588	((read\$3 or scanning or scanner)adj (device or apparatus))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 17:57
S69	110	S64 and S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 17:11
S70	106	S69 and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 17:22
S71	6	S70 and ("358"/\$6.ccls. or "348"/\$6. ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 17:56

## EAST Search History

S72	6650	control adj chip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 17:56
S73	145	control adj chip same resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 17:57
S74	2	S73 and S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/10 17:57
S75	5716	(reset\$1 or resetting) same resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 08:03
S76	129644	(read\$3 or scanning or scanner)adj (apparatus or device)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 08:04
S77	485	S75 and S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 08:04
S78	206	S77 and chip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 08:05
S79	202	S78 and (chang\$3 or adjust\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 08:07
S80	168	Sawada-Hideki.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 08:11
S81	12	S80 and "358"/\$6.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/11 08:11

## EAST Search History

S82	12	("5031032"   "5091978"   "5587814"   "5619345"   "5650864"   "6025935"   "6195183"   "6266438"   "6376822"   "6381378").PN. OR ("6486979").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/11 09:56
S83	9	("20020167603" "20040105028" "4119986" "5012271" "5173728" "5634149" "5764292" "6104878" "6547457").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/11 09:57
S84	7	("4472744" "4644411" "4682042" "5182445" "5495277" "5859421" "6157072").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/11 10:19
S85	5299	((chang\$3 or adjust\$4)adj resolution)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/11 10:19
S86	18944	((chang\$3 or adjust\$4) near3 resolution)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/11 10:20
S87	40	S86 and (358/483,513,514.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/11 11:00
S88	18241	reset\$4 with charge	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/11 11:00
S89	18944	(chang\$4 or adjust\$4)near3 resolution	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/11 11:01
S90	236	S88 and S89	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/11 11:02
S91	25	S90 and "358"/\$6.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/11 11:01
S92	6	S88 same S89	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/11 11:12
S93	1549	imag\$3 adj sensor adj chip	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/11 11:13

## EAST Search History

S94	5349	control adj chip	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/11 11:17
S95	18167	(reset\$1 or resetting)with charge	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/11 11:13
S96	2	S93 same S94 same S95	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/11 11:14
S97	3	S93 and S94 and S95	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/11 11:14
S98	16485	(control\$3 or driv\$3) adj chip	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/11 11:18
S99	48	S93 and S98	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/11 15:54
S10 0	0	348/514.ccls. and ((chang\$3 or adjust\$4)with resolution)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/11 15:55
S10 1	2	348/514.ccls. and ((chang\$3 or adjust\$4)same resolution)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/12 15:01
S10 2	7	348/514.ccls. and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/11 15:56
S10 3	71553	(control\$4 or driv\$3) near3 chip	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/11 15:57
S10 4	27	S103 and (358/513-514.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/11 15:57
S10 5	59	charge adj reset adj signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/12 10:15

## EAST Search History

S10 6	174	Sawada-Hideki.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/12 10:15
S10 7	58	S106 and chip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/12 15:07
S10 8	249	reset adj signal adj controller	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/12 15:01
S10 9	12464	control\$4 adj chip	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/12 15:01
S11 0	18	S108 and S109	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/12 15:01
S11 1	174	Sawada-Hideki.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/12 15:07
S11 2	9	S111 and chip and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/12 16:39
S11 3	3	S111 and ((chang\$3 or adjust\$4)with resolution)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/12 16:40
S11 4	50553	((chang\$3 or adjust\$4)with resolution)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/12 16:40
S11 5	2245	reset\$4 with electric with charge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/12 16:41

## EAST Search History

S11 6	59	S114 and S115	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/12 16:43
S11 7	57	S116 and (sens\$3 or chip or ccd or cmos)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/12 16:44
S11 8	44	reset\$4 with charge with resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 10:21
S11 9	1	((control\$4 or adjust\$4 or chang\$4)near3 resolution) with (reset\$4 near3 charge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 10:24
S12 0	4	((control\$4 or adjust\$4 or chang\$4)near3 resolution) same (reset\$4 near3 charge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 10:30
S12 1	35571	((control\$4 or adjust\$4 or chang\$4)near3 resolution)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 10:31
S12 2	663016	(read\$4 or scan\$4) near3 (apparatus or device)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 10:32
S12 3	622	S121 same S122	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 10:32
S12 4	161	S123 and "358"/\$6.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 10:32
S12 5	1	S123 same (reset\$4 near3 charge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 10:33

## EAST Search History

S12 6	1	S123 and (reset\$4 near3 charge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 10:33
S12 7	71	S123 and chip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 10:44
S12 8	11819	ccd with line with sen\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 10:44
S12 9	12793	ccd with line with sens\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 10:45
S13 0	5738	S122 and S129	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 10:45
S13 1	46	S130 and (reset\$4 same resolution)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 11:52
S13 2	18422	(program or instruction or code) with c++	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 11:52
S13 3	1127	(database same quer\$3)and "348"/\$6. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 13:04
S13 4	1024	(database same quer\$3)and "348"/\$6. ccls. and (network or lan or wan)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 13:06
S13 5	55	(database same quer\$3)and 348/2\$6. ccls. and (network or lan or wan)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 13:09

## EAST Search History

S13 6	27604	database adj management	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 13:09
S13 7	8770	S136 and "707"/\$6.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 13:10
S13 8	8230	S137 and field	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 13:10
S13 9	6357	S138 and quer\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 13:11
S14 0	6286	S139 and (program or code or instruction or software)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 13:12
S14 1	5338	S140 and (network or lan or wan)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 13:25
S14 2	4639	S141 and server	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 13:25
S14 3	3291	S141 and server and relational adj database	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 13:34
S14 4	252	S143 and image adj data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 13:46
S14 5	2	relational adj (database with management)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 13:57



## EAST Search History

S14 6	266	relational adj database same image adj data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 13:58
S14 7	25	relational adj database same image adj data same quer\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:10
S14 8	0	((sql or structure\$2 adj query adj language) same relational adj database) same field same image adj data same (program or code or instruction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:12
S14 9	1	((sql or structure\$2 adj query adj language) same relational adj database) same field same image adj data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:15
S15 0	732	((sql or structure\$2 adj query adj language) and relational adj database) and field and image adj data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:13
S15 1	341	S150 and "707"/\$6.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:13
S15 2	313	S150 and "707"/\$6.ccls. and quer\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:13
S15 3	289	S152 and table	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:14
S15 4	223	S153 and database near3 management	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:14
S15 5	216	S154 and (network or lan or wan or server)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:14

## EAST Search History

S15 6	28803	(sql or structure\$2 adj query adj language)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:16
S15 7	10159	S156 and "707"/\$6.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:16
S15 8	0	S157 and (select\$3 with from)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:17
S15 9	9199	S157 and (select\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:17
S16 0	0	S157 and (select\$3 near8 from)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:18
S16 1	5894	S159 and relational near3 database	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:18
S16 2	22306	S161 and sql or oracle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:18
S16 3	5864	S161 and (sql or oracle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:19
S16 4	39136	(sql or mysql or oracle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:20
S16 5	11863	S164 and "707"/\$6.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:20

## EAST Search History

S16 6	2985	table same field same relational adj database	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:21
S16 7	1258	S165 and S166	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:22
S16 8	12	select same from	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:21
S16 9	2463702	creat\$3 or delet\$3 or modyf\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:23
S17 0	1224	S167 and S169	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:24
S17 1	1218	S170 and (program or code or software or instruction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:24
S17 2	1218	S171 and relational adj database	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:25
S17 3	856	S172 and database adj management	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:28
S17 4	54	S173 and imag\$3 adj data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:40
S17 5	5702	sql near3 statement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:40

## EAST Search History

S17 6	3481	S175 and "707"/\$6.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:41
S17 7	2644	S176 and relational adj database	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:41
S17 8	2610	S177 and (program or software or code or instruction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:41
S17 9	5738	table same field same row same column	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:42
S18 0	567	S178 and S179	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:44
S18 1	3819	query near3 statement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:45
S18 2	596	"76" and S181	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:45
S18 3	342	S180 and S181	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:50
S18 4	50	S183 and imag\$3 adj data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:58
S18 5	350	relational adj database same imag\$3 adj data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:59

## EAST Search History

S18 6	83	S185 and "707"/\$6.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:59
S18 7	25	S186 and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 14:59
S18 8	62	resolution adj input same ((read\$3 or scanner or scanning)near3 (apparatus or device))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 15:42
S18 9	596684	((read\$3 or scanner or scanning)near3 (apparatus or device))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 15:43
S19 0	35571	(control\$4 or chang\$4 or adjust\$4)near3 resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 15:44
S19 1	312442	(plural\$3 or number or several or many) near3 (chip or sens\$3 or ccd)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 15:45
S19 2	14	S189 same S190 same S191	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/13 15:46
S19 3	2	"20020044699".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/14 13:26
S19 4	2	"6473538".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/14 13:26
S19 5	8	("4620236"   "5198654"   "5844695"   "5990503"   "6072588"   "6198506"   "6239883").PN. OR ("6473538").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/14 13:26

## EAST Search History

S19 6	39	resolution adj mode with terminal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/17 17:37
S19 7	57	Kozuka-Hiraku.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/17 17:37
S19 8	19	S197 and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/17 18:31
S19 9	591586	"13" and serial and parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/17 17:38
S20 0	0	S198 and serial and parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/17 17:38
S20 1	10	("4682042" "4644411" "4474744" "5182445" "6157072").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/18 16:19
S20 2	2	resolution with (serial and parallel) with terminal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/18 16:20
S20 3	63288	parallel and serial with input	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/18 16:20
S20 4	45867	(parallel and serial) with input	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/18 16:22
S20 5	8828	S204 and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/18 16:21

## EAST Search History

S20 6	243	((parallel and serial) with input) same resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/18 16:22
S20 7	14	S206 and "358"/\$6.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/18 16:22